Fig. 1

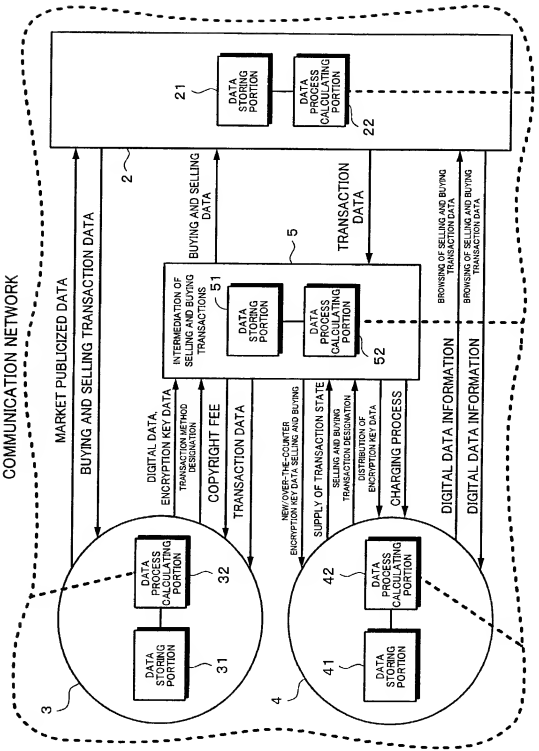

COMMUNICATION NETWORK
MARKET PUBLICIZED DATA
BUYING AND SELLING TRANSACTION DATA
DIGITAL DATA, ENCRYPTION KEY DATA
TRANSACTION METHOD DESIGNATION
COPYRIGHT FEE
TRANSACTION DATA
INTERMEDIATION OF SELLING AND BUYING TRANSACTIONS
BUYING AND SELLING DATA
TRANSACTION DATA
NEW/OVER-THE-COUNTER, ENCRYPTION KEY DATA, SELLING AND BUYING
SUPPLY OF TRANSACTION STATE
SELLING AND BUYING TRANSACTION DESIGNATION
DISTRIBUTION OF ENCRYPTION KEY DATA
CHARGING PROCESS
DIGITAL DATA INFORMATION
DIGITAL DATA INFORMATION
BROWSING OF SELLING AND BUYING TRANSACTION DATA
BROWSING OF SELLING AND BUYING TRANSACTION DATA
DATA STORING PORTION
DATA PROCESS CALCULATING PORTION
DATA STORING PORTION
DATA PROCESS CALCULATING PORTION
DATA STORING PORTION
DATA PROCESS CALCULATING PORTION
DATA STORING PORTION
DATA PROCESS CALCULATING PORTION
2
3
4
5
21
22
31
32
41
42
51
52

Fig. 2

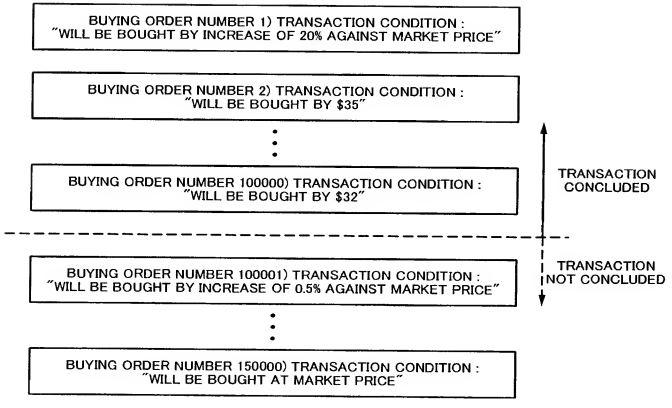
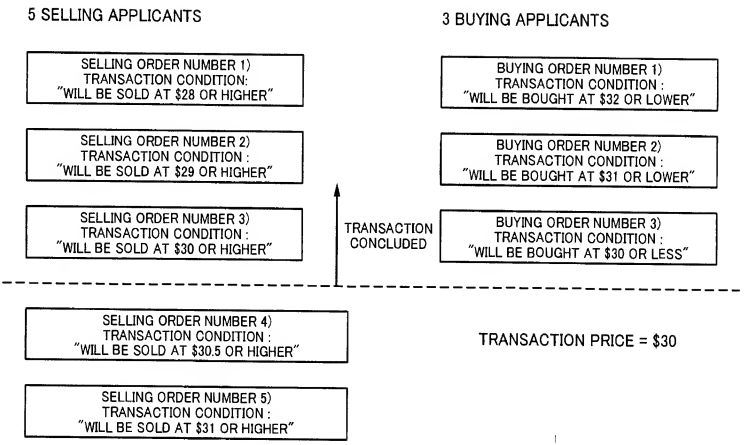

BUYING ORDER NUMBER 1) TRANSACTION CONDITION :
"WILL BE BOUGHT BY INCREASE OF 20% AGAINST MARKET PRICE"
BUYING ORDER NUMBER 2) TRANSACTION CONDITION :
"WILL BE BOUGHT BY $35"
BUYING ORDER NUMBER 100000) TRANSACTION CONDITION :
"WILL BE BOUGHT BY $32"
TRANSACTION CONCLUDED
BUYING ORDER NUMBER 100001) TRANSACTION CONDITION :
"WILL BE BOUGHT BY INCREASE OF 0.5% AGAINST MARKET PRICE"
TRANSACTION NOT CONCLUDED
BUYING ORDER NUMBER 150000) TRANSACTION CONDITION :
"WILL BE BOUGHT AT MARKET PRICE"

Fig. 3



Translation of 10/019794

Fig. 4

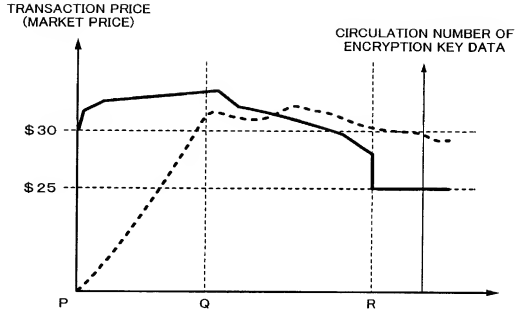

TRANSACTION PRICE
(MARKET PRICE)
CIRCULATION NUMBER OF
ENCRYPTION KEY DATA
$30
$25
P
Q
R

Fig. 5

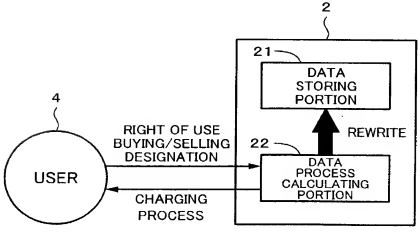

2
21
DATA
STORING
PORTION
REWRITE
22
DATA
PROCESS
CALCULATING
PORTION
4
USER
RIGHT OF USE
BUYING/SELLING
DESIGNATION
CHARGING
PROCESS

Fig. 6

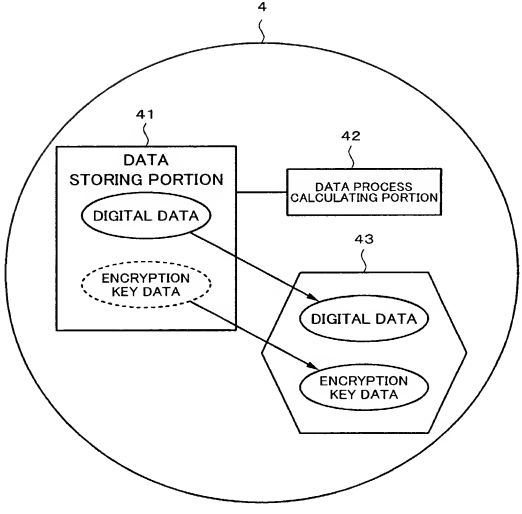

4
41
DATA
STORING PORTION
DIGITAL DATA
ENCRYPTION
KEY DATA
42
DATA PROCESS
CALCULATING PORTION
43
DIGITAL DATA
ENCRYPTION
KEY DATA

Fig. 7

·CREATION OF DIGITAL DATA
·SELLING RIGHT OF USE
3
·CONSULUTING
·RETURN OF PROFIT OF SOLD DIGITAL DATA
TRANSACTION MARKET OF RIGHT OF USE
·MANAGEMENT OF RIGHT-OF-USE CIRCULATION STATE
·PUBLICIZING DATA
·DECISION OF STOPPING TRANSACTIONS
5
TRANSACTION INTERMEDIARY
·INTERMEDIATION OF TRANSACTIONS
·SELLING AND BUYING OVER-THE-COUNTER
·REGISTRATION/ERASE OF RIGHT OF USE
·DESIGNATE PRICE NEWLY OR ADDITIONALLY PUBLICIZED ON MARKET
·CONSIGNATION OF SALE
·REQUESTING TO RETURN (SELL) AND INVEST (BUY) RIGHT OF USE
·DISTRIBUTION OF RIGHT OF USE AND DIGITAL DATA
·PROVIDING DATA
4
·USE OF DIGITAL DATA
COMMUNICATION NETWORK

Fig. 8A

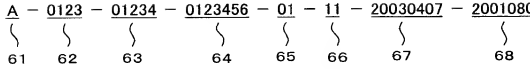


Fig. 8B

VALUE	DESCRIPTION
0	EXPIRED
1	VALID IN VALIDATION PERIOD
9	NON EXPIRATION

Fig. 8C

VALUE	DESCRIPTION
0	EXPIRED
1	IN LIMIT PERIOD
9	NOT DESIGNATED

Fig. 9

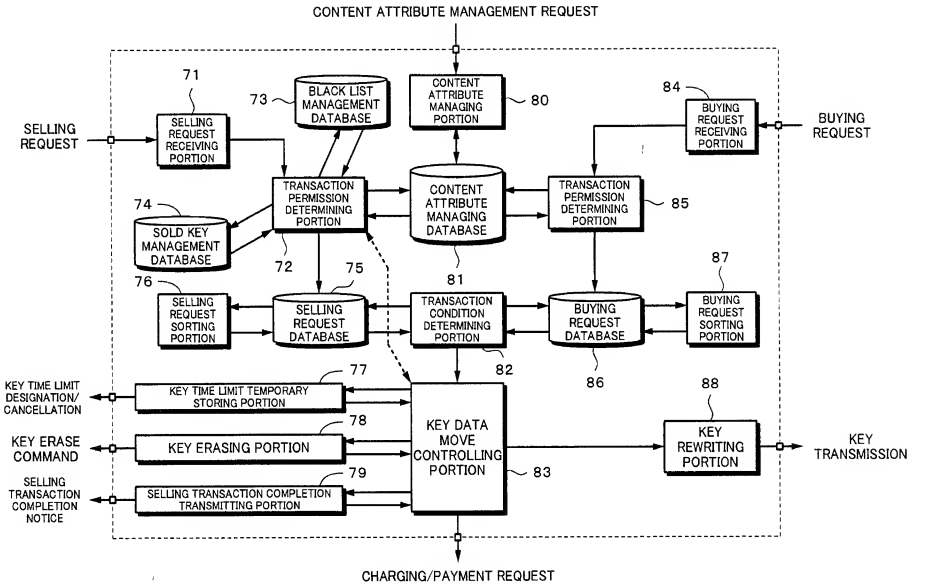


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Fig. 10A

Fig. 10
Fig. 10A
Fig. 10B

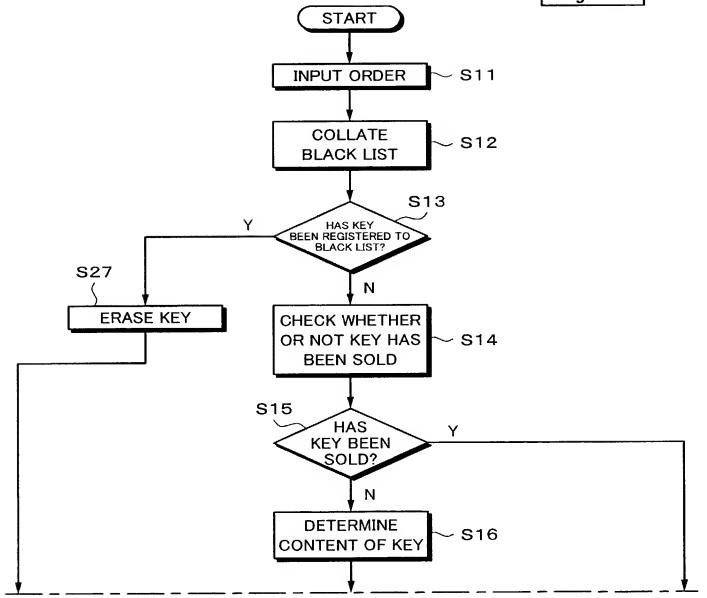


Fig. 10B

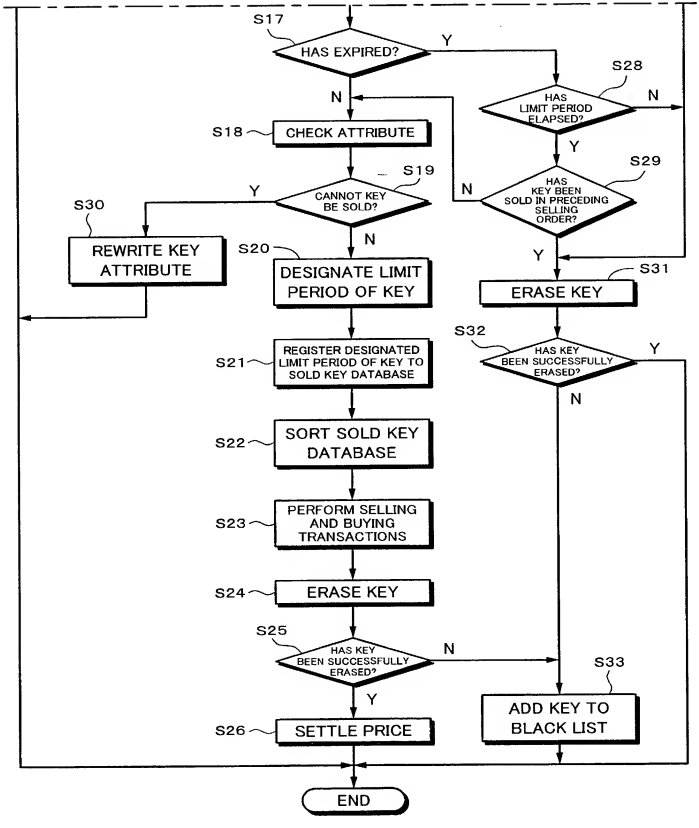
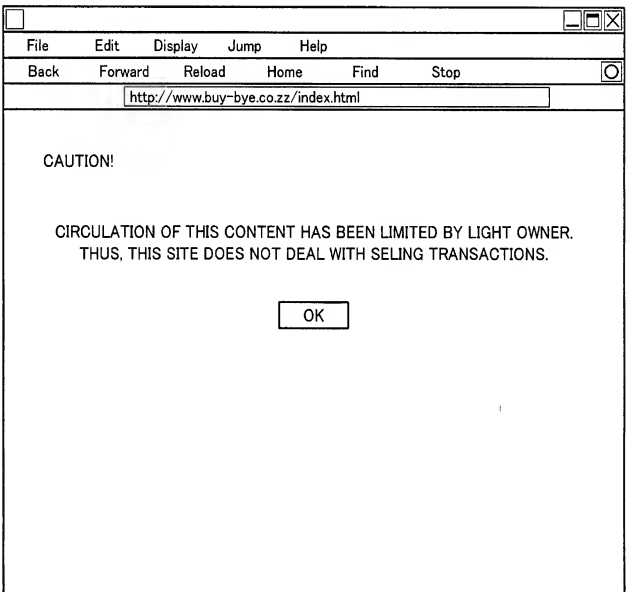

S17
HAS EXPIRED?
Y
N
S18
CHECK ATTRIBUTE
S19
CANNOT KEY BE SOLD?
Y
N
S30
REWRITE KEY ATTRIBUTE
S20
DESIGNATE LIMIT PERIOD OF KEY
S21
REGISTER DESIGNATED LIMIT PERIOD OF KEY TO SOLD KEY DATABASE
S22
SORT SOLD KEY DATABASE
S23
PERFORM SELLING AND BUYING TRANSACTIONS
S24
ERASE KEY
S25
HAS KEY BEEN SUCCESSFULLY ERASED?
N
Y
S26
SETTLE PRICE
S28
HAS LIMIT PERIOD ELAPSED?
N
Y
S29
HAS KEY BEEN SOLD IN PRECEDING SELLING ORDER?
N
Y
S31
ERASE KEY
S32
HAS KEY BEEN SUCCESSFULLY ERASED?
Y
N
S33
ADD KEY TO BLACK LIST
END

Fig. 11

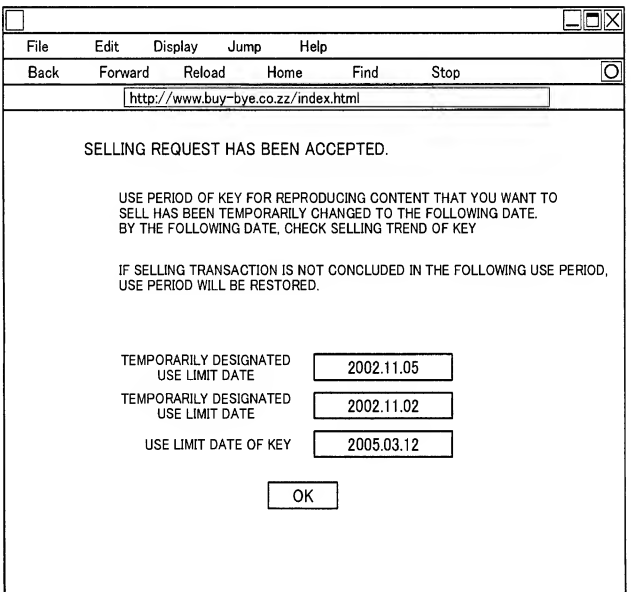
File
Edit
Display
Jump
Help
Back
Forward
Reload
Home
Find
Stop
http://www.buy-bye.co.zz/index.html
97
Contents Holder
Goodman
90
Contents Name
Go Go Go!
91
Valid Period
Under 6 month
92
Price
Over $2.50
Sale
93
Buy
94
95
Cancel
Submit
96

Fig. 12



10/019794

Fig. 13



10/019794

Fig. 14

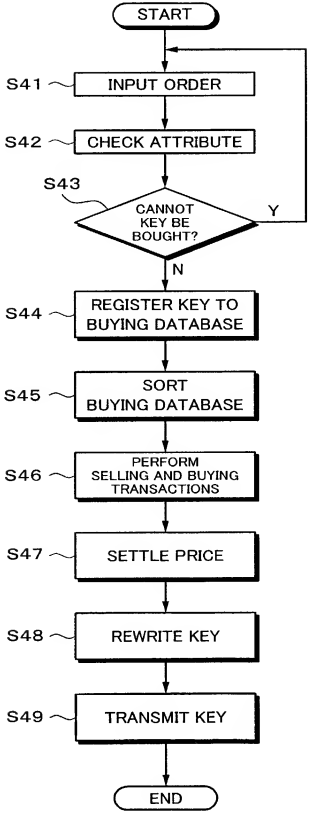

START
S41
INPUT ORDER
S42
CHECK ATTRIBUTE
S43
CANNOT KEY BE BOUGHT?
Y
N
S44
REGISTER KEY TO BUYING DATABASE
S45
SORT BUYING DATABASE
S46
PERFORM SELLING AND BUYING TRANSACTIONS
S47
SETTLE PRICE
S48
REWRITE KEY
S49
TRANSMIT KEY
END

Fig. 15

File
Edit
Display
Jump
Help
Back
Forward
Reload
Home
Find
Stop
http://www.buy-bye.co.zz/index.html
97
Contents Holder
Goodman
90
Contents Name
Go Go Go!
91
Valid Period
92
Price
Under 1 month
Under 3 month
Under 6 month
Under 1 year
perpetual
Sale
93
Buy
94
Cancel
95
Submit
96

DESCRIPTION OF REFERENCE NUMERALS

2 TRANSACTION MANAGING PORTION

3 COPYRIGHT OWNER

4 USER

5 TRANSACTION INTERMEDIARY

61 DATA REPRESENTING TYPE OF ENCRYPTION KEY DATA

65 LETTER REPRESENTING OTHER ATTRIBUTE

66 PORTION REPRESENTING ATTRIBUTE OF VALIDATION PERIOD OF ENCRYPTION KEY

67 PORTION REPRESENTING VALIDATION PERIOD OF ENCRYPTION KEY

68 PORTION REPRESENTING LIMIT PERIOD OF ENCRYPTION KEY

72 TRANSACTION PERMISSION DETERMINING PORTION

73 BLACK LIST MANAGEMENT DATABASE

75 SELLING REQUEST DATABASE

82 TRANSACTION CONDITION DETERMINING PORTION

83 KEY DATA MOVE CONTROLLING PORTION

86 BUYING REQUEST DATABASE